

Amendments to the Claims

The listing of claims will replace all prior versions, and listing, of claims in the application.

1-3. (Cancelled).

4. (Currently Amended) An isolated human PGC-derived pluripotent stem cell which can:

- (a) be maintained on feeder layers for at least 20 passages; ~~and~~
- (b) give rise to embryoid bodies and multiple differentiated cell phenotypes in monolayer culture, wherein the cell has a normal karyotype; and
- (c) stains positive for SSEA-1.

5-37. (Cancelled).

38. (Currently Amended) An isolated human PGC-derived pluripotent ~~embryonic~~ stem cell which can

- (a) be maintained on feeder layers for at least 20 passages; and
- (b) give rise to embryoid bodies and multiple differentiated cell phenotypes in monolayer culture; and
- (c) stains positive for SSEA-1.

39-41. (Cancelled).

42. (Currently Amended) The cell of claim 4, wherein the cell stains positive ~~for the SSEA-1 antigen and stains positive~~ for alkaline phosphatase.

43. (Cancelled).

44. (Currently Amended) The cell of claim 38, wherein the cell stains positive ~~for the SSEA-1 antigen and stains positive~~ for alkaline phosphatase.